

INTERNATIONAL SEARCH REPORT

International application No. _____

PCT/US04/39391

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C07H 21/02, 21/04; G01N 33/53

US CL : 435/6, 7.1, 7.2, 7.24; 536/23.1, 23.5, 24.3

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6, 7.1, 7.2, 7.24; 536/23.1, 23.5, 24.3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	ZHOU et al. CD24 is a genetic modifier for risk and progression of multiple sclerosis. PNAS. 09 December 2003, Vol. 100, No. 25, pages 15041-15046, especially pages 15043-15044.	1-18
A	US 5,952,471 A (LAWSON, G.) 14 September 1999 (14.09.1999), especially columns 1-2.	1-18
A	OKAMOTO et al. Heterogeneous expressions of GPI-anchored proteins by granulocytes from patients with aplastic anemia (AA) and myelodysplastic syndrome (MDS). Blood. 16 November 2002, Vol. 100, No. 11, pAbstract No. 3508, see entire abstract.	10-16



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"B" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"A" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

18 May 2005 (18.05.2005)

Date of mailing of the international search report

06 JUN 2005

Name and mailing address of the ISA/US

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/39391

Continuation of B. FIELDS SEARCHED Item 3:
DIALOG: MEDLINE, CA, BIOSIS, EMBASE, SCISEARCH; WEST: US, EP, JP, WO Patents
search terms: CD24, mutation, polymorphism, SNP, MS, multiple sclerosis

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